



U.S. Environmental Protection Agency Clean Watersheds Needs Survey (CWNS)

[Contact Us](#) | [Print Version](#) Search:
GO
[EPA Home](#) > [Water](#) > [Wastewater](#) > Clean Watersheds Needs Survey

MOL.20070119.0085

CWNS Home Page

CWNS 2008

CWNS 2000

- Report to Congress
- CWNS Reports
- Needs Report
- Discharge Report
- Population Report
- Facility Fact Sheet
- Standard Reports
 1. Facility Inventory Report
 2. Population Served and Flow Report
 - Facilities In Operation
 - Facilities Planned
 3. Process Report
- EnviroMapper for Water
- Ask WATERS Reports

The Office of Wastewater Management conducts the Clean Watersheds Needs Survey (CWNS) on a periodic basis. The CWNS, a joint effort between States and EPA, is conducted in response to Section 205(a) and 516 of the Clean Water Act. The CWNS has information on publicly-owned wastewater collection and treatment facilities, facilities for control of sanitary sewer overflows (SSOs), combined sewer overflows (CSOs), stormwater control activities, nonpoint sources, and programs designed to protect the nation's estuaries. Information obtained from the survey are maintained in the CWNS database. The collected data are used to produce a Report to Congress which provides an estimate of clean water needs for the United States.



The [CWNS 2000 Report to Congress](#) was completed on August 20, 2003 which provides all pertinent data from the 2000 survey. If you need assistance in obtaining access to the charts, tables, and graphics in the document, contact our staff at 202-564-0673. Individuals using the Section 508 of the Americans Disabilities Act compliant version who may require additional assistance, dial the above number. The CWNS 2004 Report to Congress is slated to be available to the public in early 2006.

The 2000 survey information is available in a series of [reports](#) that can be viewed on-line, downloaded to your computer, or printed. The [Needs](#), [Discharge](#), and [Population](#) reports allow the user to select facility-specific information by state, county, and watershed. A detailed listing of data for an individual facility can be displayed or saved to your computer using the [Facility Fact Sheet](#). [EnviroMapper for Water](#) and [Ask WATERS](#) allow CWNS information to be viewed in context with other environmental information. EPA also provides reports about the 16,255 wastewater treatment facilities in operation. The [Facility Inventory](#) provides data on all facilities within a given State. The [Population Served and Flow](#) report gives data by State, on population served and flow for publicly owned wastewater treatment facilities currently in operation. The [Process](#) report allows you to download a database that contains all the unit process data associated with any facility in the database. For comparison, the three [standard reports from the 1996 survey](#) are also available.

Contact information are available for [State and Regional CWNS Coordinators](#).

State and Regional
Coordinators

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Last updated on Wednesday, October 11th, 2006
URL: <http://www.epa.gov/owm/mtb/cwns/index.htm>

**U.S. Environmental Protection Agency****CWNS Reports**

[EPA Home](#) > [Water](#) > [Wastewater](#) > [Clean Watersheds Needs Survey](#) > [Web Reports](#)

Reports from CWNS 2000 Database**CWNS Reports Home****Needs Report****Discharge Report****Population Report****Facility Fact Sheet****Standard Reports****1. Facility Inventory Report****2. Population Served and Flow Report**

- Facilities in Operation

- Facilities Planned

3. Process Report**Needs Categories**

- Needs Report
- Discharge Report
- Population Report
- Facility Fact Sheet
- Standard Reports
 1. Facility Inventory Report
 2. Population Served and Flow Report
 - Facilities in Operation
 - Facilities Planned
 3. Process Report

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Last updated on April 08, 2004 12:52 PM
URL: <http://cfpub.epa.gov/cwns/index.cfm>



CWNS Reports

[EPA Home](#) > [Water](#) > [Wastewater](#) > [Clean Watersheds Needs Survey](#) > [Web Reports](#)

CWNS 2000 Database - Facility Fact Sheet

CWNS Reports Home

- Needs Report
- Discharge Report
- Population Report
- Facility Fact Sheet

- Standard Reports
- 1. Facility Inventory Report
 - 2. Population Served and Flow Report
 - Facilities in Operation
 - Facilities Planned
 - 3. Process Report

Needs Categories

Choose a state:

Or

Choose CWNS #(s):

**** You may enter multiple CWNS numbers separated by commas (i.e., 01000000001,01000000002).**

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URL: http://cfpub.epa.gov/cwns/rpt_ffs_00.cfm



U.S. Environmental Protection Agency

CWNS Reports

[EPA Home](#) > [Water](#) > [Wastewater](#) > [Clean Watersheds Needs Survey](#) > Web Reports

CWNS 2000 Database - Facility Fact Sheet

(** - Use the ctrl key to select multiple items)

CWNS Reports Home

Needs Report
Discharge Report
Population Report
Facility Fact Sheet

Standard Reports

1. Facility Inventory Report
2. Population Served and Flow Report
 - Facilities in Operation
 - Facilities Planned
3. Process Report

Needs Categories

Review Status **

Select All

SI - State Interim

HA - HQ Accepted

County **

Select All

Carson City

Churchill

Clark

Watershed **

Select All

Alvord Lake.

Bruneau.

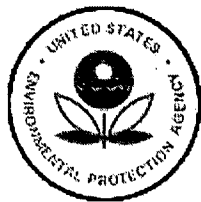
Cactus-Sarcobatus Flats.

Serial to
upper
AMARGOSA

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CWNS Reports

[EPA Home](#) > [Water](#) > [Wastewater](#) > [Clean Watersheds Needs Survey](#) > Web Reports

CWNS 2000 Database - Facility Fact Sheet

CWNS Reports Home

- Needs Report
- Discharge Report
- Population Report
- Facility Fact Sheet

Standard Reports

- 1. Facility Inventory Report
- 2. Population Served and Flow Report
 - Facilities in Operation
 - Facilities Planned
- 3. Process Report

Needs Categories

A/F Number **

[Continue](#)

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Last updated on April 14, 2004 12:55 PM
URL: http://cfpub.epa.gov/cwns/rpt_ffs2_00.cfm

System Name:		Point of Contact		Tribe: No
Location (Point of Record)		Name:		
County, State: Nye NV		Authority: BEATTY WATER AND SAN DIST		
Congressional District: 3202		Address:		
Within Tribe Territory: No		Phone:		
Latitude/Longitude: 36.9086 N / 116.7586 W		Fax:		
Watershed: Upper Amargosa.		Email:		
NHD Index:				

Facility Description

<u>Nature</u>	<u>Present</u>	<u>Projected</u>	<u>Change(s)</u>
Collection: Separate Sewers	Y	Y	No Change
Treatment Plant	Y	Y	No Change

<u>Permit(s)</u>	<u>Number</u>	<u>Type</u>
*indicates NPDES Permit	NV-UNKNW *	Discharge

Needs (\$000, adjusted to Current Year)

<u>Cat.</u>	<u>Description</u>	<u>Federal</u>	<u>Separate State Estimate</u>
Total:			

Needs Data by Document (\$000, adjusted to Current Year)

*Separate State Estimate

<u>Doc</u>	<u>Document Title</u>	<u>Author</u>	<u>Doc Date</u>	<u>Base Date</u>	<u>Needs</u>
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Wastewater Treatment Population

	<u>Resident Population</u>		<u>Non-resident Population</u>	
	<u>Present</u>	<u>Future</u>	<u>Present</u>	<u>Future</u>
Not Receiving Collection				
Receiving Collection	1,154	1,154	150	175
Upstream Population Receiving Collection				
Total Receiving Treatment (computed)	1,154	1,154	150	175
Individual Sewage Disposal System				

Wastewater Treatment Flow (mgd)

	<u>Existing</u>	<u>Present Design</u>	<u>Future Design</u>
Municipal	0.11	0.15	0.16
Industrial			
Infiltration			
Total (computed)	0.11	0.15	0.16
Wet Weather Peak			

Effluent Quality

<u>Present</u>	<u>Projected</u>
Secondary	Secondary

Discharge

<u>Method</u>	<u>Status</u>	<u>Primary</u>	<u>Outfalls</u>	<u>Location</u>
Outfall To Surface Waters	In Use	Y	0	36.9086 116.7586



CWNS#: 32000001001 Facility: BEATTY WTTF
NPDES: NV-UNKNW

Review Status: SI 10/26/99
Federal Needs (\$000):

Influent and Effluent Concentrations	Existing		Present Design		Future Design	
	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>
BOD5	200		200	30	200	
Suspended Solids	200		200	30	200	

Biosolids Handings	<u>Existing</u>	<u>Present Design</u>	<u>Future Design</u>
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Combined Sewer Overflow

Pollution Problems

Miscellaneous Comments

PRIORITY LIST COST ESTIMATE USED FOR CAT. 1.

Upstream Facilities Discharging to This Facility

Resident Population Non-resident Population

Unit Processes/Best Management Practices

<u>Name</u>	<u>Status</u>	<u>Change(s)</u>
Aerated Lagoon	In Use	No Change
Custom Built Plant	In Use	No Change
Manually Controlled	In Use	No Change
Total Containment Pond	In Use	No Change

Documentation Comments

Funding Information (\$0)

Operation and Maintenance Costs (\$0)



U.S. Environmental Protection Agency Clean Watersheds Needs Survey

Report Printed on 01/08/2007 02:13 PM

(Page 2 of 18)



System Name:		Point of Contact		Tribe: No
Location (Point of Record)		Name:		
County, State: Lincoln NV		Authority: ALAMO WATER AND SEWERGID		
Congressional District: 3202		Address:		
Within Tribe Territory: No		Phone:		
Latitude/Longitude: 37.3259 N / 115.308 W		Fax:		
Watershed: White.		Email:		
NHD Index:				

Facility Description

<u>Nature</u>	<u>Present</u>	<u>Projected</u>	<u>Change(s)</u>
Collection: Separate Sewers	Y	Y	No Change
Treatment Plant	Y	Y	No Change

<u>Permit(s)</u>	<u>Number</u>	<u>Type</u>
*indicates NPDES Permit		

Needs (\$000, adjusted to Current Year)

<u>Cat.</u>	<u>Description</u>	<u>Federal</u>	<u>Separate State Estimate</u>
Total:			

Needs Data by Document (\$000, adjusted to Current Year)

<u>Doc</u>	<u>Document Title</u>	<u>Author</u>	<u>Doc Date</u>	<u>Base Date</u>	<u>Needs</u>
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Wastewater Treatment Population	Resident Population		Non-resident Population	
	<u>Present</u>	<u>Future</u>	<u>Present</u>	<u>Future</u>
Not Receiving Collection	461		35	
Receiving Collection	691	1,241	20	60
Upstream Population Receiving Collection				
Total Receiving Treatment (computed)	691	1,241	20	60
Individual Sewage Disposal System				

Wastewater Treatment Flow (mgd)	<u>Existing</u>	<u>Present Design</u>	<u>Future Design</u>
Municipal	0.06	0.07	0.07
Industrial			
Infiltration			
Total (computed)	0.06	0.07	0.07

Wet Weather Peak

Effluent Quality

<u>Present</u>	<u>Projected</u>
Secondary	Secondary

Discharge

<u>Method</u>	<u>Status</u>	<u>Primary</u>	<u>Outfalls</u>	<u>Location</u>
Outfall To Surface Waters	In Use	Y	0	37.3259 115.308



U.S. Environmental Protection Agency Clean Watersheds Needs Survey

Report Printed on 01/08/2007 02:13 PM



Influent and Effluent Concentrations

<u>Pollutant</u>	<u>Existing</u>		<u>Present Design</u>		<u>Future Design</u>	
	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>
BOD5	200		200		200	
Suspended Solids	200		200		200	

Biosolids Handings

Existing Present Design Future Design

Combined Sewer Overflow

Pollution Problems

Miscellaneous Comments

NO DOC ATTACHED

Upstream Facilities Discharging to This Facility

Resident Population Non-resident Population

Unit Processes/Best Management Practices

<u>Name</u>	<u>Status</u>	<u>Change(s)</u>
Aerated Lagoon	In Use	No Change
Custom Built Plant	In Use	No Change
Manually Controlled	In Use	No Change
Total Containment Pond	In Use	No Change

Documentation Comments

Funding Information (\$0)

Operation and Maintenance Costs (\$0)



System Name:		Point of Contact		Tribe: No
Location (Point of Record)		Name:		
County, State:	Nye NV	Authority: GABBS, CITY OF		
Congressional District:	3202	Address:		
Within Tribe Territory:	No	Phone:		Fax:
Latitude/Longitude:	38.8802 N / 117.8686 W	Email:		
Watershed:	Gabbs Valley.			
NHD Index:				

Facility Description

<u>Nature</u>	<u>Present</u>	<u>Projected</u>	<u>Change(s)</u>
Collection: Separate Sewers	Y	Y	No Change
Treatment Plant	Y	Y	No Change

<u>Permit(s)</u>	<u>Number</u>	<u>Type</u>
*indicates NPDES Permit		

Needs (\$000, adjusted to Current Year)

<u>Cat.</u>	<u>Description</u>	<u>Federal</u>	<u>Separate State Estimate</u>
Total:			

Needs Data by Document (\$000, adjusted to Current Year)

<u>Doc</u>	<u>Document Title</u>	<u>Author</u>	<u>Doc Date</u>	<u>Base Date</u>	<u>Needs</u>
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Wastewater Treatment Population

	<u>Resident Population</u>		<u>Non-resident Population</u>	
	<u>Present</u>	<u>Future</u>	<u>Present</u>	<u>Future</u>
Not Receiving Collection				
Receiving Collection	491	521		
Upstream Population Receiving Collection				
Total Receiving Treatment (computed)	491	521		
Individual Sewage Disposal System				

Wastewater Treatment Flow (mgd)

	<u>Existing</u>	<u>Present Design</u>	<u>Future Design</u>
Municipal	0.05	0.05	0.05
Industrial			
Infiltration			
Total (computed)	0.05	0.05	0.05

Wet Weather Peak

Effluent Quality

<u>Present</u>	<u>Projected</u>
Secondary	Secondary

Discharge

<u>Method</u>	<u>Status</u>	<u>Primary</u>	<u>Outfalls</u>	<u>Location</u>
Outfall To Surface Waters	In Use	Y	0	38.8802 117.8686



Influent and Effluent Concentrations	Existing		Present Design		Future Design	
	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>
BOD5	200		200		200	
Suspended Solids	200		200		200	

	<u>Existing</u>	<u>Present Design</u>	<u>Future Design</u>
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Combined Sewer Overflow

Pollution Problems

Miscellaneous Comments

RECEIVES DISCHARGE FROM 320012002. NO DOC ATTACHED. CHANGES MADE TO POPULATION PER STATE LETTER.

Upstream Facilities Discharging to This Facility

Resident Population Non-resident Population

Unit Processes/Best Management Practices

<u>Name</u>	<u>Status</u>	<u>Change(s)</u>
Custom Built Plant	In Use	No Change
Manually Controlled	In Use	No Change
Total Containment Pond	In Use	No Change

Documentation Comments

Funding Information (\$0)

Operation and Maintenance Costs (\$0)



System Name:		Point of Contact		Tribe: No
Location (Point of Record)		Name:		
County, State:	Nye NV	Authority: GABBS, CITY OF		
Congressional District:	3202	Address:		
Within Tribe Territory:	No	Phone:		Fax:
Latitude/Longitude:	38.8802 N / 117.8686 W	Email:		
Watershed:	Gabbs Valley.			
NHD Index:				

Facility Description

Nature	Present	Projected	Change(s)
Collection: Separate Sewers	Y	Y	No Change

Permit(s)	Number	Type
*indicates NPDES Permit		

Needs (\$000, adjusted to Current Year)

Cat.	Description	Federal	Separate State Estimate
Total:			

Needs Data by Document (\$000, adjusted to Current Year)

Doc	Document Title	Author	Doc Date	Base Date	Needs
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Wastewater Treatment Population

	Resident Population		Non-resident Population	
	Present	Future	Present	Future
Not Receiving Collection				
Receiving Collection	414	414		
Upstream Population Receiving Collection				
Total Receiving Treatment (computed)				
Individual Sewage Disposal System				

Wastewater Treatment Flow (mgd)

	Existing	Present Design	Future Design
Municipal			
Industrial			
Infiltration			
Total (computed)			
Wet Weather Peak			

Effluent Quality

Present	Projected
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Discharge

Method	Status	Primary	Outfalls	Location
Outfall To Surface Waters	In Use	Y	0	38.8802 117.8686

Influent and Effluent Concentrations

Existing	Present Design	Future Design
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CWNS#: 32000012002 Facility: GABBS WWTP - SOUTH
NPDES:

Review Status: SI 10/26/99
Federal Needs (\$000):

<u>Pollutant</u>	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>
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<u>Biosolids Handings</u>			<u>Existing</u>	<u>Present Design</u>	<u>Future Design</u>	
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Combined Sewer Overflow

Pollution Problems

Miscellaneous Comments

RECEIVES DISCHARGE FROM 320012002. NO DOC ATTACHED CHANGES MADE TO POPULATION PER STATE LETTER.

Upstream Facilities Discharging to This Facility

Resident Population Non-resident Population

Unit Processes/Best Management Practices

<u>Name</u>	<u>Status</u>	<u>Change(s)</u>
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Documentation Comments

Funding Information (\$0)

Operation and Maintenance Costs (\$0)



U.S. Environmental Protection Agency Clean Watersheds Needs Survey

Report Printed on 01/08/2007 02:13 PM
(Page 8 of 18)



System Name:

Point of Contact

Tribe: No

Location (Point of Record)

Name:

Authority: NYE COUNTY COMMISSIONERS

Address:

Phone:

Fax:

Email:

County, State: Nye NV
 Congressional District: 3202
 Within Tribe Territory: No
 Latitude/Longitude: 38.2043 N / 117.0899 W
 Watershed: Ralston-Stone Cabin Valleys.
 NHD Index:

Facility Description

Nature

Present

Projected

Change(s)

Collection: Separate Sewers

Y

Y

No Change

Treatment Plant

Y

Y

No Change

Permit(s)

Number

Type

*indicates NPDES Permit

Needs (\$000, adjusted to Current Year)

Cat. Description Federal Separate State Estimate

Total:

Needs Data by Document (\$000, adjusted to Current Year)

*Separate State Estimate

Doc Document Title Author Doc Date Base Date Needs

Wastewater Treatment Population

Resident Population

Non-resident Population

Present

Future

Present

Future

Not Receiving Collection

4,657

36

Receiving Collection

4,173

9,501

742

849

Upstream Population Receiving Collection

Total Receiving Treatment (computed)

4,173

9,501

742

849

Individual Sewage Disposal System

Wastewater Treatment Flow (mgd)

Existing

Present Design

Future Design

Municipal

0.42

1

1.04

Industrial

Infiltration

Total (computed)

0.42

1

1.04

Wet Weather Peak

Effluent Quality

Present

Projected

Secondary

Secondary

Discharge

Method

Status

Primary

Outfalls

Location

Outfall To Surface Waters

In Use

Y

0

38.2043 117.0899



U.S. Environmental Protection Agency Clean Watersheds Needs Survey

Report Printed on 01/08/2007 02:13 PM

(Page 9 of 18)



Influent and Effluent Concentrations	Existing		Present Design		Future Design	
	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>
BOD5	230		230		230	
Suspended Solids	215		215		215	

Biosolids Handings	<u>Existing</u>	<u>Present Design</u>	<u>Future Design</u>
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Combined Sewer Overflow

Pollution Problems

Miscellaneous Comments

Upstream Facilities Discharging to This Facility	Resident Population	Non-resident Population
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Unit Processes/Best Management Practices

<u>Name</u>	<u>Status</u>	<u>Change(s)</u>
Air Drying - Sand Beds	In Use	No Change
Bar Screen	In Use	No Change
Custom Built Plant	In Use	No Change
Imhoff Tank	In Use	No Change
Landfill/Trenching	In Use	No Change
Manually Controlled	In Use	No Change
Rapid Infiltration System - No Underdrain	In Use	No Change

Documentation Comments

Funding Information (\$0)

Operation and Maintenance Costs (\$0)



System Name:		Point of Contact		Tribe: No
Location (Point of Record)		Name:		
County, State:	Lincoln NV	Authority: CALIENTE, CITY OF		
Congressional District:	3202	Address:		
Within Tribe Territory:	No	Phone:		Fax:
Latitude/Longitude:	37.6128 N / 114.5097 W	Email:		
Watershed:	Meadow Valley Wash.			
NHD Index:				

Facility Description

Nature	Present	Projected	Change(s)
Collection: Separate Sewers	Y	Y	No Change
Treatment Plant	Y	Y	Process Improvement

Permit(s)	Number	Type
indicates NPDES Permit	NV0020044	Discharge

Needs (\$000, adjusted to Current Year)

Cat.	Description	Federal	Separate State Estimate
Total;			

Needs Data by Document (\$000, adjusted to Current Year)

Doc	Document Title	Author	Doc Date	Base Date	Needs
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Wastewater Treatment Population	Resident Population		Non-resident Population	
	Present	Future	Present	Future
Not Receiving Collection	1,222		97	
Receiving Collection	1,289	2,702	100	215
Upstream Population Receiving Collection				
Total Receiving Treatment (computed)	1,289	2,702	100	215
Individual Sewage Disposal System				

Wastewater Treatment Flow (mgd)	Existing	Present Design	Future Design
Municipal	0.26	0.4	0.42
Industrial			
Infiltration			
Total (computed)	0.26	0.4	0.42

Wet Weather Peak

Effluent Quality

Present	Projected
Secondary	Secondary

Discharge

Method	Status	Primary	Outfalls	Location
Outfall To Surface Waters	In Use	Y	0	37.6128 114.5097



U.S. Environmental Protection Agency Clean Watersheds Needs Survey

Report Printed on 01/08/2007 02:13 PM

(Page 11 of 18)

Influent and Effluent Concentrations	Existing		Present Design		Future Design	
	Influent	Effluent	Influent	Effluent	Influent	Effluent
Pollutant						
BOD5	84	12	200	30	200	30
Suspended Solids	59	15	200	30	200	30

Biosolids Handings	Existing	Present Design	Future Design
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Combined Sewer Overflow

Pollution Problems

Miscellaneous Comments

PLANT OPERATING IN SATISFACTORY MANNER; NEED FOR SLUDGE BEDS NO I/I NEEDS DOCUMENTED

Upstream Facilities Discharging to This Facility

Resident Population Non-resident Population

Unit Processes/Best Management Practices

Name	Status	Change(s)
Activated Sludge - Extended Aeration	In Use	No Change
Air Drying - Sand Beds	In Use	Increase Capacity
Anaerobic Digestion	In Use	Replacement
Bar Screen	In Use	No Change
Chlorination	In Use	No Change
Comminution	In Use	No Change
Control/Lab/Maintenance Building	In Use	No Change
Custom Built Plant	In Use	No Change
Grit Removal	In Use	No Change
Landfill/Trenching	In Use	No Change
Secondary Clarification	In Use	No Change
Semi-automated	In Use	No Change

Documentation Comments

Funding Information (\$0)

Operation and Maintenance Costs (\$0)



System Name:		Point of Contact		Tribe: No
Location (Point of Record)		Name:		
County, State:	Lincoln NV	Authority: LINCOLN COUNTY COMMISSION		
Congressional District:	3202	Address:		
Within Tribe Territory:	No	Phone:		
Latitude/Longitude:	37.8981 N / 114.3968 W	Fax:		
Watershed:	Meadow Valley Wash.	Email:		
NHD Index:				

Facility Description

Nature	Present	Projected	Change(s)
Collection: Separate Sewers	Y	Y	No Change
Treatment Plant	Y	Y	No Change

Permit(s)	Number	Type
*indicates NPDES Permit		

Needs (\$000, adjusted to Current Year)

Cat.	Description	Federal	Separate State Estimate
Total:			

Needs Data by Document (\$000, adjusted to Current Year)

Doc	Document Title	Author	Doc Date	Base Date	Needs
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Wastewater Treatment Population

	Resident Population		Non-resident Population	
	Present	Future	Present	Future
Not Receiving Collection	650		45	
Receiving Collection	978	1,753	60	115
Upstream Population Receiving Collection				
Total Receiving Treatment (computed)	978	1,753	60	115
Individual Sewage Disposal System				

Wastewater Treatment Flow (mgd)

	Existing	Present Design	Future Design
Municipal	0.09	0.09	0.09
Industrial			
Infiltration			
Total (computed)	0.09	0.09	0.09

Wet Weather Peak

Effluent Quality

Present	Projected
Secondary	Secondary

Discharge

Method	Status	Primary	Outfalls	Location
Outfall To Surface Waters	In Use	Y	0	37.8981 114.3968



Influent and Effluent Concentrations

<u>Pollutant</u>	<u>Existing</u>		<u>Present Design</u>		<u>Future Design</u>	
	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>
BOD5	200		200		200	
Suspended Solids	200		200		200	

<u>Biosolids Handings</u>	<u>Existing</u>	<u>Present Design</u>	<u>Future Design</u>
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Combined Sewer Overflow

Pollution Problems

Miscellaneous Comments

TREATMENT AND COLLECTION FACILITIES ARE ADEQUATE THROUGH 1990

Upstream Facilities Discharging to This Facility

Resident Population Non-resident Population

Unit Processes/Best Management Practices

<u>Name</u>	<u>Status</u>	<u>Change(s)</u>
Aerated Lagoon	In Use	No Change
Bar Screen	In Use	No Change
Custom Built Plant	In Use	No Change
Manually Controlled	In Use	No Change
Total Containment Pond	In Use	No Change

Documentation Comments

Funding Information (\$0)

Operation and Maintenance Costs (\$0)



System Name:		Point of Contact		Tribe: No
Location (Point of Record)		Name:		
County, State: Lincoln NV		Authority: LINCOLN COUNTY COMMISSION		
Congressional District: 3202		Address:		
Within Tribe Territory: No		Phone:		
Latitude/Longitude: 37.7906 N / 114.3889 W		Fax:		
Watershed: Meadow Valley Wash.		Email:		
NHD Index:				

Facility Description

<u>Nature</u>	<u>Present</u>	<u>Projected</u>	<u>Change(s)</u>
Collection: Separate Sewers	Y	Y	No Change
Treatment Plant	Y	Y	No Change

<u>Permit(s)</u>	<u>Number</u>	<u>Type</u>
*indicates NPDES Permit		

Needs (\$000, adjusted to Current Year)

<u>Cat.</u>	<u>Description</u>	<u>Federal</u>	<u>Separate State Estimate</u>
Total:			

Needs Data by Document (\$000, adjusted to Current Year)

*Separate State Estimate

<u>Doc</u>	<u>Document Title</u>	<u>Author</u>	<u>Doc Date</u>	<u>Base Date</u>	<u>Needs</u>
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Wastewater Treatment Population

	<u>Resident Population</u>		<u>Non-resident Population</u>	
	<u>Present</u>	<u>Future</u>	<u>Present</u>	<u>Future</u>
Not Receiving Collection	1,614		35	
Receiving Collection	896	2,702	20	60
Upstream Population Receiving Collection				
Total Receiving Treatment (computed)	896	2,702	20	60
Individual Sewage Disposal System				

Wastewater Treatment Flow (mgd)

	<u>Existing</u>	<u>Present Design</u>	<u>Future Design</u>
Municipal	0.08	0.04	0.04
Industrial			
Infiltration			
Total (computed)	0.08	0.04	0.04

Wet Weather Peak

Effluent Quality

<u>Present</u>	<u>Projected</u>
Secondary	Secondary

Discharge

<u>Method</u>	<u>Status</u>	<u>Primary</u>	<u>Outfalls</u>	<u>Location</u>
Outfall To Surface Waters	In Use	Y	0	37.7906 114.3889



Influent and Effluent Concentrations	Existing		Present Design		Future Design	
	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>
Pollutant						
BOD5	200		200		200	
Suspended Solids	200		200		200	

Biosolids Handings	<u>Existing</u>	<u>Present Design</u>	<u>Future Design</u>
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Combined Sewer Overflow

Pollution Problems

Miscellaneous Comments

Upstream Facilities Discharging to This Facility	Resident Population	Non-resident Population
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Unit Processes/Best Management Practices

<u>Name</u>	<u>Status</u>	<u>Change(s)</u>
Aerated Lagoon	In Use	No Change
Custom Built Plant	In Use	No Change
Manually Controlled	In Use	No Change
Total Containment Pond	In Use	No Change

Documentation Comments

Funding Information (\$0)

Operation and Maintenance Costs (\$0)



System Name:		Point of Contact		Tribe: No
Location (Point of Record)		Name:		
County, State:	Esmeralda NV	Authority: ESMERALDA COUNTY		
Congressional District:	3202	Address:		
Within Tribe Territory:	No	Phone:		
Latitude/Longitude:	37.8344 N / 117.2694 W	Fax:		
Watershed:	Ralston-Stone Cabin Valleys.	Email:		
NHD Index:				

Facility Description

<u>Nature</u>	<u>Present</u>	<u>Projected</u>	<u>Change(s)</u>
Collection: Separate Sewers	Y	Y	No Change
Treatment Plant	Y	Y	Increase Capacity

<u>Permit(s)</u>	<u>Number</u>	<u>Type</u>
*indicates NPDES Permit		

Needs (\$000, adjusted to Current Year)

<u>Cat.</u>	<u>Description</u>	<u>Federal</u>	<u>Separate State Estimate</u>
Total:			

Needs Data by Document (\$000, adjusted to Current Year)

<u>Doc</u>	<u>Document Title</u>	<u>Author</u>	<u>Doc Date</u>	<u>Base Date</u>	<u>Needs</u>
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***Separate State Estimate**

Wastewater Treatment Population	Resident Population		Non-resident Population	
	<u>Present</u>	<u>Future</u>	<u>Present</u>	<u>Future</u>
Not Receiving Collection	214		20	
Receiving Collection	382	642	30	55
Upstream Population Receiving Collection				
Total Receiving Treatment (computed)	382	642	30	55
Individual Sewage Disposal System				

Wastewater Treatment Flow (mgd)	<u>Existing</u>	<u>Present Design</u>	<u>Future Design</u>
Municipal	0.03	0.02	0.05
Industrial			
Infiltration			
Total (computed)	0.03	0.02	0.05
Wet Weather Peak			

Effluent Quality

<u>Present</u>	<u>Projected</u>
Secondary	Secondary

Discharge

<u>Method</u>	<u>Status</u>	<u>Primary</u>	<u>Outfalls</u>	<u>Location</u>
Outfall To Surface Waters	In Use	Y	0	37.8344 117.2694



U.S. Environmental Protection Agency Clean Watersheds Needs Survey



Influent and Effluent Concentrations

<u>Pollutant</u>	<u>Existing</u>		<u>Present Design</u>		<u>Future Design</u>	
	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>	<u>Influent</u>	<u>Effluent</u>
BOD5	200		200		200	
Suspended Solids	200		200		200	

Biosolids Handings

Existing Present Design Future Design

Combined Sewer Overflow

Pollution Problems

Miscellaneous Comments

Upstream Facilities Discharging to This Facility

Resident Population Non-resident Population

Unit Processes/Best Management Practices

<u>Name</u>	<u>Status</u>	<u>Change(s)</u>
Custom Built Plant	In Use	Replacement
Manually Controlled	In Use	Replacement
Total Containment Pond	In Use	Replacement

Documentation Comments

Funding Information (\$0)

Operation and Maintenance Costs (\$0)

